Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application.

Please amend claims 4 to 13, 15, and 17 as follows:

1. (original): A method for producing homogenous colloidal nanoparticles, comprising the steps of

(a) extruding a composition comprising at least one amphiphilic component by means of a compounder,

(b) dispersing the extruded composition of step a) in an aqueous medium,

(c) optionally homogenizing the preparation of step b) at least once and/or

(d) optionally sterile filtrating the preparation of step b) or c),

wherein optionally at least one active agent is present in the composition of step a) and/or in said aqueous medium of step b).

2. (original): The method of claim 1, wherein said colloidal nanoparticles are selected from micelles, liposomes, lipid nanospheres, preferably from liposomes.

3. (currently amended) The method of claim 1 [~~or 2~~], wherein said homogenous colloidal nanoparticles are characterized by having a FRET of between about 100 % to about 80 % of reference colloidal nanoparticles produced by the film method.

4. (currently amended): The method of [~~any one of the claims 1 to 3~~] claim 1, wherein said amphiphilic component is selected from fats, oils, waxes, sterols or lipids such as cholesterol or phospholipids, lysolipids, lysophospholipids, sphingolipids or pegylated lipids with a positive, negative or neutral net change.

5. (currently amended): The method of [~~any one of the claims 1 to 4~~] claim 1, wherein said amphiphilic component is a cationic lipid or a mixture of lipids, preferably a mixture of at least one cationic lipid and optionally a neutral lipid.

6. (currently amended): The method of [~~any one of the claims 1 to 5~~] claim 1, wherein said colloidal nanoparticles have a polydispersity index (PI) of below about 0.4, preferably of below about 0.2.

7. (currently amended): The method of [~~any one of the claims 1 to 6~~] claim 1, wherein step a) is performed without organic solvent and/or detergent.

8. (currently amended): The method of [~~any one of the claims 1 to 7~~] claim 1, wherein step a) is performed without an aqueous medium.

9. (currently amended): The method of [~~any one of the claims 1 to 8~~] claim 1, wherein the temperature during the extruding in step a) is between about 5°C to about 100°C, preferably between about 20°C to about 70°C and most preferably between about 25°C to about 50°C.

10. (currently amended): The method of [~~any one of the claims 1 to 9~~] claim 1, wherein the pressure during the extruding in step a) is between about 0,2 bar to about 100 bar, preferably about 0,5 bar to about 10 bar.

11. (currently amended): The method of [~~any one of the claims 1 to 10~~] claim 1, wherein said compounder is a batch extruder or a continuous extruder.

12. (currently amended): The method of [~~any one of the claims 1 to 11~~] claim 1, wherein said active agent is selected from biologically active agents such as dietary supplements, vitamins, cosmetics, diagnostic or therapeutic agents, preferably from diagnostic or therapeutic agents.

13. (currently amended): The method of [~~any one of claims 1 to 12~~] claim 1, wherein the extruded composition of step a) is stored as an intermediate product.

14. (original): The method of claim 13, wherein said intermediate product is supplied to a hydration process.

15. (currently amended): The method of [~~any one of the claims 1 to 14~~] claim 1, for manufacturing a dietary, cosmetic or pharmaceutical composition.

16. (cancel)

17. (currently amended): Cationic colloidal nanoparticles, obtainable by a method of [~~any one of the claims 1 to 15~~] claim 1, wherein said nanoparticles are homogeneous on a molecular level and free of an organic solvent and/or detergent.

18. (new): A method of producing homogeneous colloidal nanoparticles comprising extruding amphiphilic compounds with a compounder comprising a cylinder and a plunger, wherein the cylinder has an open bore of about 0.1 mm to about 2 mm.